

WHAT IS CLAIMED IS:

1. An image transmitter which transmits image data, the image transmitter comprising:

an image selecting device which selects at least one image to be transmitted;

a data amount determining device which determines an amount of data in the selected image;

a battery residual quantity determining device which determines a residual quantity of a battery powering the image transmitter;

a transmittability determining device which determines whether or not it is possible to transmit all of image data of the selected image according to the amount of data in the selected image and the residual quantity of the battery; and

a control device which transmits the image data if the transmittability determination device determines that it is possible to transmit all of the image data, and which prohibits the image data from being transmitted if the transmittability determination device determines that it is impossible to transmit all of the image data.

2. The image transmitter according to claim 1, further comprising a display device which displays a message indicating that it is impossible to transmit all of the image data if the control device prohibits the image data from being transmitted.

3. The image transmitter according to claim 1, wherein:

the image data comprises an identification code; and

the image selecting device selects the image to be transmitted according to input of the identification code.

4. The image transmitter according to claim 3, wherein the identification code comprises at least one of the following: a manufacture identification code representing a manufacturer of an image input device capturing the image, a date identification code representing one of a photographing date and an image file creation date of the image, and a model identification code representing a model of the image input device.

5. The image transmitter according to claim 1, wherein when a plurality of images are selected to be transmitted, if it is determined that it is impossible to transmit all of the image data, the control device transmits only transmittable image data per image and prohibits the rest of image data from being transmitted.

6. The image transmitter according to claim 1, wherein:
the image data comprises main image data and thumbnail image data;
if the determination device determines that it is impossible to transmit all of the main image data, the determination device further determines whether it is possible to transmit all of the thumbnail image data; and

if the determination device determines that it is impossible to transmit all of the main image data and that it is possible to transmit all of the thumbnail image data, the control device transmits the thumbnail image data instead of the main image data.